



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

Region III

841 Chestnut Building

Philadelphia, Pennsylvania 19107

Mr. Robert Todd
Hatboro Water Authority
120 E. Montgomery Ave.
Hatboro, PA 19040

NOV 14 1990

Re: Hatboro Well #7

Dear Mr. Todd:

The Environmental Protection Agency has learned that Hatboro well #7 has continued to produce water with unacceptable levels of TCE and that the Pennsylvania Department of Environmental Resources (PADER) has requested Hatboro to terminate pumping. This letter informs you of precautions and actions to consider until this well can be returned to service.

Hatboro well number 7 (H7) is located near the edge of the area of ground water apparently affected by Raymark Site, Fischer & Porter Site, and possibly other sources of contamination. The ground water contamination beneath Hatboro appears to result from multiple sources and it is difficult for EPA to ascribe the cause of the contamination to any particular source making it equally difficult to respond to a situation such as that at well H7. While operating, periodic pumping at well H7 removed contaminants from the ground water system and most likely provided some degree of protection for downgradient wells, i.e., removed contaminants before they migrated to the next downgradient well. In the absence of pumping, contamination may move towards other wells.

The available information is insufficient to determine if contamination which would have been pumped at well H7 will now move towards Hatboro well H14, H21 or some other location. To assist EPA in determining an appropriate course of action, and to enable Hatboro Authority to continue to assure itself that additional Hatboro wells do not become affected, EPA recommends the following:

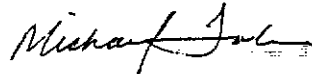
- 1) Monthly water sampling at H7,
- 2) Monthly water sampling at H21 and other unaffected wells, and
- 3) Monitoring of water levels at H7, H21 and H14 to determine if ground water in the vicinity of H7 is affected by nearby pumping.

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If Hatboro can ascertain which of their wells, if any, now pumps ground water which flows beneath well H7, or which of their operating wells results in a lowered water table beneath H7, then EPA and Hatboro can evaluate appropriate mitigation.

Please don't hesitate to contact me at (215) 597-3166 if I can be of any further assistance in this matter.

Sincerely,



Michael Towle
Remedial Project Manager
3HW21

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